

ELECTROLYTE INCLUDING POLYSILOXANE WITH CYCLIC CARBONATE GROUPS

ABSTRACT

- 5 The electrolyte includes a polysiloxane having one or more backbone silicons linked to a first side chain and one or more backbone silicons linked to a second side chain. The first side chains include a poly(alkylene oxide) moiety and the second side chains include a cyclic carbonate moiety. The electrolyte can be a liquid.